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# Netronic VAPS

Visual Advanced Production Scheduler

Netronic

# Optimize your production, plan with reality

Production plans don't stand still. Customer priorities change, materials arrive late, and capacity is limited. Keeping production plans realistic and up to date can quickly become challenging. Without finite capacity scheduling, production plans become difficult to execute, leading to overloaded resources, missed deadlines and constant rescheduling.



VAPS

## What is VAPS?

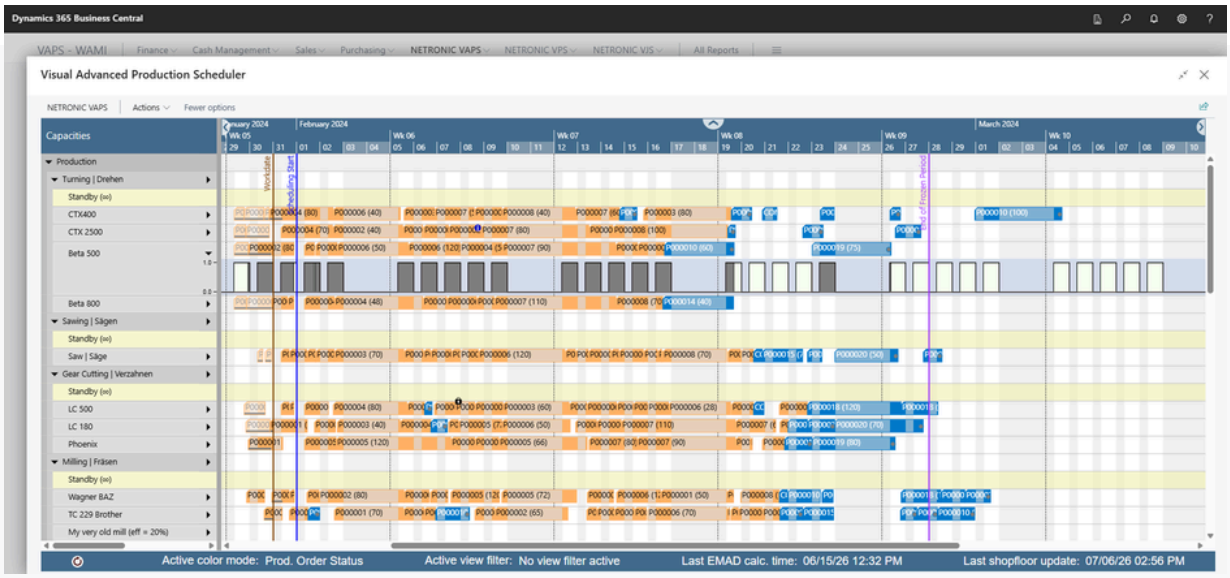
The Visual Advanced Production Scheduler (VAPS) extends Microsoft Dynamics 365 Business Central with advanced finite capacity scheduling. It combines automated scheduling with an intuitive visual planning interface, giving planners complete visibility and control over their schedules. By considering actual capacity and material availability when scheduling, VAPS creates executable production schedules while allowing planners to fine-tune them using simple drag-and-drop. Work is scheduled only when the required capacity is available, helping prevent overloaded resources and creating schedules that are achievable in practice.

VAPS

# Benefits of VAPS

## Plan production based on reality, not assumptions

- **Streamline operations** - automatic finite capacity scheduling combined with drag & drop. Let VAPS build the sequence, then fine-tune it yourself.
- **Reliability & transparency** - schedules account for real machine capacity and material availability, so you can commit to delivery dates with confidence.
- **Unlocked capacity** - compare multiple schedule simulations with meaningful KPIs and find the sequence that gets more out of your machines.
- **Plans using reality** - finite capacity scheduling never overloads a machine center, creating schedules your shop floor can actually execute.
- **Sustainable business practices** - one live schedule in Business Central replaces printed plans and spreadsheets. Everyone works from the latest version.



VAPS

# About VAPS

Advanced scheduling inside Business Central, extending the standard manufacturing capabilities with finite capacity scheduling and visual planning.

## Who is VAPS for?

### Company types

- For make-to-order and make-to-stock manufacturing companies with assembly production
- Discrete manufacturers
- Specialized and important technological suppliers (quick turn around needed)
- Subcontractors/vendors (B2B) who deliver their products and services to a wide variety of industries

### Customer profile

- Small to medium sized organizations
- Small and medium number of production and sales orders with tight deadlines
- Make to stock, Make to order and/or Engineered to order
- The production processes are a mixture of manual activities supported by tools and machines with a minimal degree of automation (robotics, assembly lines)
- Paper based processes and spreadsheets
- Shop floor based productions and are organized in trades like (milling, assembly, electrics, commissioning)
- Focused on the production of components, assemblies or devices/equipment

### How VAPS helps

- Schedules production based on real resource capacity
- Identifies bottlenecks before they impact production
- Optimizes machine and resource utilization
- Supports what-if scenario planning
- Accounts for material availability
- Creates achievable production schedules that adapt to changing priorities

VAPS

# Key features

- Automatic finite capacity scheduling
- Drag and drop schedule optimization
- Scheduling based on capacity and material availability
- Comparison of multiple schedule simulations using KPIs
- Support for alternative machine centers and routings
- Native integration with Microsoft Dynamics 365 Business Central

## Seven views, one schedule

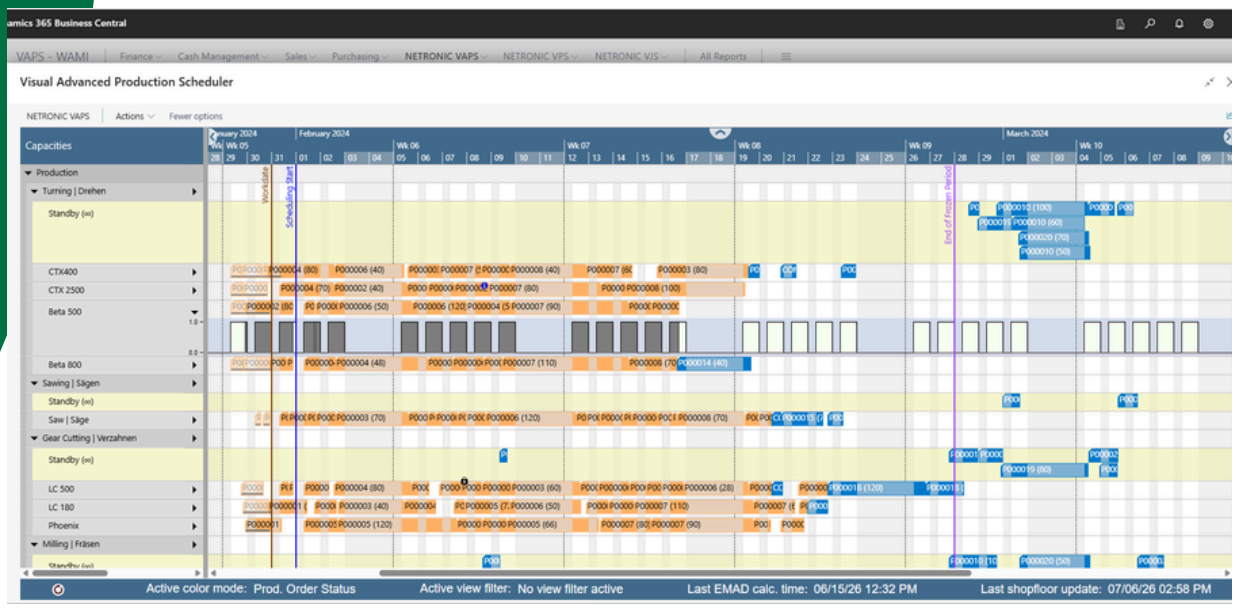
Switch between seven color coded views to explore the schedule from different perspectives and quickly identify what needs your attention.

- Production order status
- Production order
- Machine or work center
- Item
- Progress
- Availability
- Wait time

## Built for Business Central

VAPS extends the manufacturing capabilities of Microsoft Dynamics 365 Business Central with advanced finite capacity scheduling directly within the familiar Business Central environment.

- Fully integrated into Microsoft Dynamics 365 Business Central
- Launched in 2020 and continuously enhanced
- Designed specifically for Business Central manufacturing



**“VAPS made planning significantly easier compared to our previous use of spreadsheets. The visual nature of the tool allowed for quicker and more intuitive adjustments, eliminating the need for extensive copying, and pasting. With VAPS, we can confirm delivery times to our customers with much more precision than before.”**

Gary Browning, Business Unit Manager,
Alumasc

## Bring Your Business Central Solution to Life

We are Boyum IT Solutions, a global software company that helps organizations get more from Microsoft Dynamics 365 Business Central. Through our market-leading solutions, Perfion, Netronic and Fornav, we extend Business Central with powerful capabilities for Product Information Management, Production Scheduling and Business Documents, helping businesses work more efficiently, make better decisions and deliver exceptional customer experiences.

We act as a trusted partner rather than a traditional software vendor. With deep domain expertise, a family-oriented culture and reliable innovation, we guide partners and customers through real industry challenges. For more than 28 years we have been 100% partner-driven, working alongside the Microsoft partner community to create value, drive innovation and support long-term success.

Today, we support over 15,000 customers together with more than 1,100 partners in more than 130 countries. Our purpose, Bring Your Products to Life, reflects our commitment to helping businesses realize the full potential of their products through technology that works for people.





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